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SUMMARY REPORT ON WORK ACCOMPLISHED
IN 1949 ON THE PROMISTORA GROUP OF
MINERAL CLAIMS, SLOCAN MINING DIVISION
BRITISH COLUMBIA

owned by

PROMISTORA GOLD MINES LIMITED, (N.P.L.)

Dr. F. C. Buckland
January, 1950.

SUMMARY REPORT ON WORK ACCOMPLISHED IN
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The Promistora Group of claims, situated on Mineral Creek, a tributary of Caribou Creek which flows into the Arrow Lakes at Burton, B. C., was reported on by me on June 23rd, 1949. This present Summary Report deals with work accomplished during the Field Season, June to November, 1949, and is intended as a supplement to the original report of June 23rd, 1949.

Under the direction of Mr. C. D. S. McLeod, surface trenching was commenced on the Promistora Claim in July, 1949, with a small crew. Initial work consisted of an attempt to explore the extension of the vein westward from the main high-grade showing by surface trenching. In Pits* #2 and #3, approximately 175 feet and 225 feet west of the portal of the prospect tunnel, indications of vein material were obtained, but this was leached and weathered considerably and the over-burden and depth of weathering was found to be too deep for satisfactory surface trenching. The original showing was cleaned off, re-blasted and re-sampled, with results that checked the original high-grade assays.

Following this work, prospecting was undertaken to the East on the Ora Granda Claim. On a steep hillside, two small veins were found in Pits #4E and #5E, 320 and 390 feet East of the Promistora showing, and almost on strike of the Promistora vein. This new discovery appeared quite strong, from six inches to eighteen inches wide, with initial grab samples indicating high-grade gold values. Towards the end of the season a small shaft was started on the vein in Pit #5E. At a very shallow depth the vein appeared to pinch, but very little work was done to indicate the true character of the

*Pit and cut numbers in this report refer to those shown on the accompanying sketch map.

showing at this point. As Pits #4E and #5E are close to the strike of the Promistora vein, it is possible that the vein material in these trenches is the eastern extension of the Promistora.

Following this surface trenching, the crew was employed on assessment work on outlying claims, and the very old pits on the Mountain Meadow Group were checked by grab samples. These old workings were in poor condition for accurate sampling, but the following results were obtained from grab samples taken by McLeod:

	<u>Gold Oz.</u>	<u>Silver Oz.</u>	<u>Lead %</u>
Dump workings south end of vein	.28	3.3	10.7
Pit, 50 feet to north, 15" vein	2.34	3.4	-
Pit, 100 feet to north	.08	5.6	20.7
Pit, 400 feet to north	3.2	6.4	13
Pit, 800 feet to north	.12	1.2	-

The above were rough grab samples and are evidently higher than the vein will average, but are included here to indicate that good values may be expected from the Mountain Meadow Group, and that more work should be undertaken to explore this continuous vein which appears to be about 12" to 36" wide.

Starting in September, a small bull-dozer and compressor were rented and a tractor road constructed to the Promistora Group from the logging road along Caribou Creek. The road as completed, is narrow and very steep, but quite satisfactory for tractor haulage, and can be traversed by Jeep.

After road construction was completed late in the Season, six cuts were put into the over-burden by the tractor before winter conditions caused work to be suspended. The first two bull-dozer cuts #1 and #2 were made on the ridge between the Promistora and the showings found on the Ora Granda. The over-burden was found to be deep and the rock beneath weathered and

fractured. Where cut by the bull-dozer, the bed rock was shaly and could be pushed out readily with the blade. No veins were located in these deep cuts, but occasionally, bits of quartz were found in the shaly bed rock and these would pan a few gold colors.

Two cuts, #3 and #4, were then placed to the East of the Ora Granda showing about 575 and 650 feet East of the Promistora. These did not get to bed rock on the strike of the Ora Granda showings, but about 90 feet to the North of the strike, a vein 36 inches wide was uncovered, and a rough sample taken from this vein assayed .38 oz. Gold; and no Silver. This is a very interesting discovery and more work should be done on it. Insufficient time remained to continue work in this locality during the 1949 season.

Two bull-dozer cuts, #5 and #6, were also made to the West of the Promistora. #5 cut, a long cut across the hillside, showed the Promistora vein structure, and a trench put down in the cut at this place, 7 feet deep, did not locate the vein in place, however, gold was panned from the broken quartz and rust in this trench. #6 cut, 300 feet farther up the hillside, showed the formation on the strike of the vein, but did not get down to solid rock.

When weather conditions became bad in the last two weeks of the Field Season, and the crew was employed cleaning out the Promistora tunnel, the vein in the tunnel was sampled by McLeod with the following results:


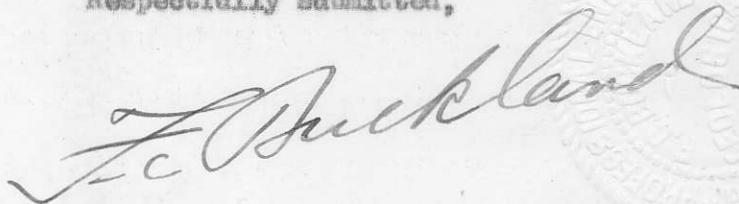
<u>Location</u>	<u>Vein Width</u>	<u>Gold Oz.</u>	<u>Silver Oz.</u>
Portal plus 25 feet	7 inches	.04	.30
Portal plus 30 feet	12 inches	1.96	.52
Portal plus 35 feet	10 inches	1.72	.96
Portal plus 40 feet	10 inches	.50	.23
Portal plus 45 feet	30 inches	1.62	.76
Portal plus 50 feet	28 inches	1.23	.40
Portal plus 55 feet	16 inches	.16	.10
Portal plus 60 feet	33 inches	.03	.16
Portal plus 64 feet	14 inches	.30	nil.

These samples are directly under the high-grade showing, and the backs between the tunnel and the showing are small.

Although only a small crew, never exceeding five men, was employed on surface work on the property during the Field Season of 1949, results obtained were interesting and promising. Additional work is definitely warranted on the 36 inch vein located in #3 Bull-dozer cut. Grab samples from the old Mountain Meadow workings were of excellent grade, and further investigation should be made of this vein. Trenching to the West along the extension of the Promistora vein was disappointing, but inconclusive, because over-burden conditions were found to be more severe than had been expected; additional study should be made of the vein relative to the small tunnel under the high-grade, with the possibility that some work might be undertaken from the tunnel to explore the continuation of the high-grade vein westwards and downwards. More exploratory work should be done on the Ora Granda discovery.

The Promistora group is one of merit but requires more prospecting and surface investigation. Now that a tractor road has been built to the property, further exploration work will be much easier to undertake than was the case in the summer of 1949.

Respectfully submitted,



January, 1950.

F. C. BUCKLAND, Ph. D.

to: Mr. John Allen,
Mindus Corporation Limited.

CERTIFICATE

I, Francis Channing Buckland, of the City of Vancouver, in the Province of British Columbia, hereby certify as follows:

- (1) That I am a registered Professional Engineer (Ontario, Mining and British Columbia, Geological) and reside at 1725 Allison Road, Vancouver, B. C.
- (2) That I am a graduate of The University of British Columbia, and of McGill University, and have been practicing my profession for eighteen years.
- (3) That I have no interest, either directly or indirectly in the properties covered by this report, or in any securities of Promistora Gold Mines Limited, No Personal Liability.
- (4) That the accompanying report is based on personal examination of the property and also on documents and maps.
- (5) That I examined the Property referred to in the accompanying report on five occasions in the year 1949.

DATED this 9th day of January,
A.D. 1949.

A circular embossed seal of a Professional Engineer is visible in the background, partially overlapping the signature. The seal contains the text "PROFESSIONAL ENGINEER" and "BRITISH COLUMBIA".
Francis Channing Buckland

Promestwa

1st Cut Immediately
above tunnel Portal.

PR 1

NORTHERN MINER PRESS LTD., TORONTO, STANDARD FORM NO. 701

Date June 18/49

Level

Working Place

Vein No.

Distance from

Sample, Inches 30"

Formation

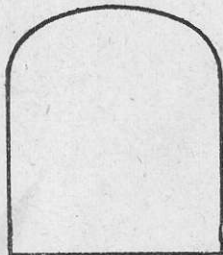
Sample Cut by J. C. D.

Cut from

Value, \$

Remarks 3.40 Aw.

3.3 Ag.



Gromestonia

PR 2

NORTHERN MINER PRESS LTD., TORONTO, STANDARD FORM NO. 701

Date *June 18/49*

Distance _____ from _____

Level _____

Sample, Inches *2.3'*

Working Place _____

Formation _____

Vein No. _____

Sample Cut by *F.C.D.*

Cut from *1ST cut in East*

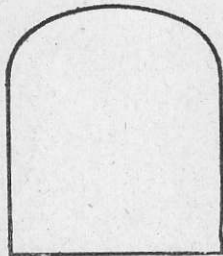
Value, \$ *end of main*

Remarks *open cut. Between*

PR1 & PR3

0.68 Aw.

1.6 Ag.



Promestonia
Centre of large cut
above tunnel. ~~4m~~

PR3

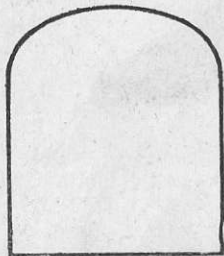
NORTHERN MINER PRESS LTD., TORONTO, STANDARD FORM NO. 701

Date June 18/49

Level

Working Place

Vein No.



Distance from

Sample, Inches 30"

Formation

Sample Cut by F.C.B.

Cut from Vein on south side of cut

Value, \$

Remarks

0.96 Au.

1.1 Ag.

Provestora

PR 4

NORTHERN MINER PRESS LTD., TORONTO, STANDARD FORM NO. 701

Date _____

Level _____

Working Place _____

Vein No. _____

Distance _____ from _____

Sample, Inches 30" (2.5')

Formation _____

Sample Cut by J. B.

Cut from North wall of the

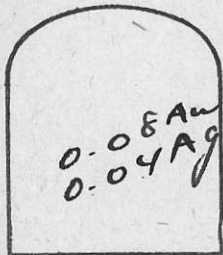
Value, \$ vein at PR 3.

Remarks This showed about

50-50 crumbled

argillite and

mineralized quartz.



Promestona

PR 5

NORTHERN MINER PRESS LTD., TORONTO, STANDARD FORM NO. 701

Date

June 18/49

Distance

from

Level

Sample, Inches

6"

Working Place

Formation

Vein No.

Sample Cut by

F.B.

Cut from

Vein in place

Value, \$

about 1 foot
above back of

Remarks

tunnel just above
tunnel entrance

8.83 Aw.
9.1 Ag.

Promestora

PR 6

NORTHERN MINER PRESS LTD., TORONTO, STANDARD FORM NO. 701

Date _____

Distance _____ from _____

Level _____

Sample, Inches *2' two feet*

Working Place _____

Formation _____

Vein No. _____

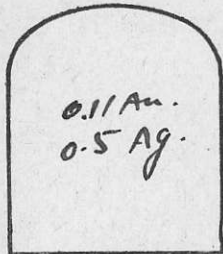
Sample Cut by *F.C.D.*

Cut from *Wall rock*

Value, \$ *immediately*

Remarks *South of*

PR 5



Prospector

PR 7
~~PR 7~~

NORTHERN MINER PRESS LTD., TORONTO, STANDARD FORM NO. 701

Date June 18/49

Distance _____ from _____

Level _____

Sample, Inches 18"

Working Place _____

Formation _____

Vein No. _____

Sample Cut by F.B.

Cut from offshoot string

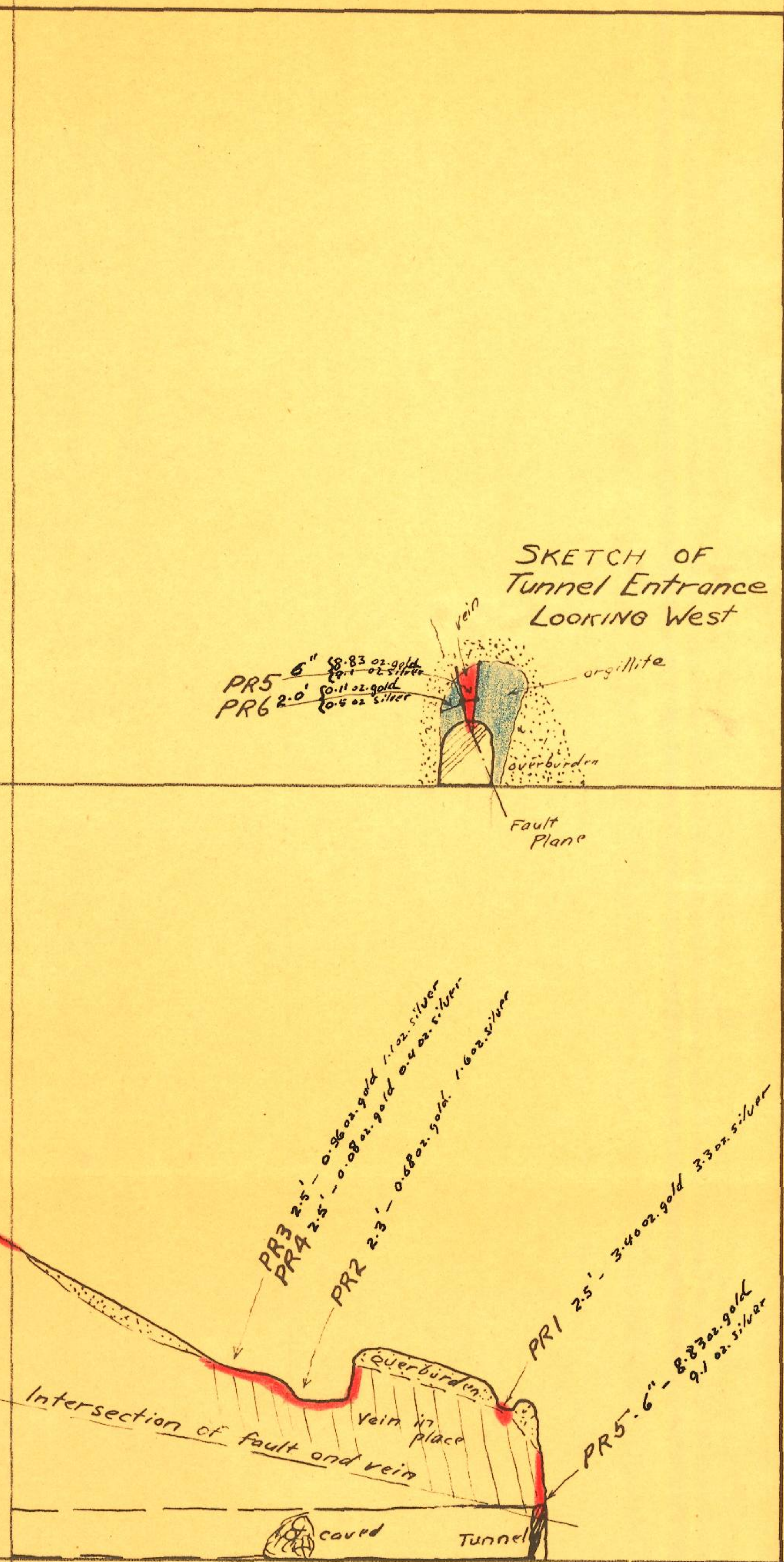
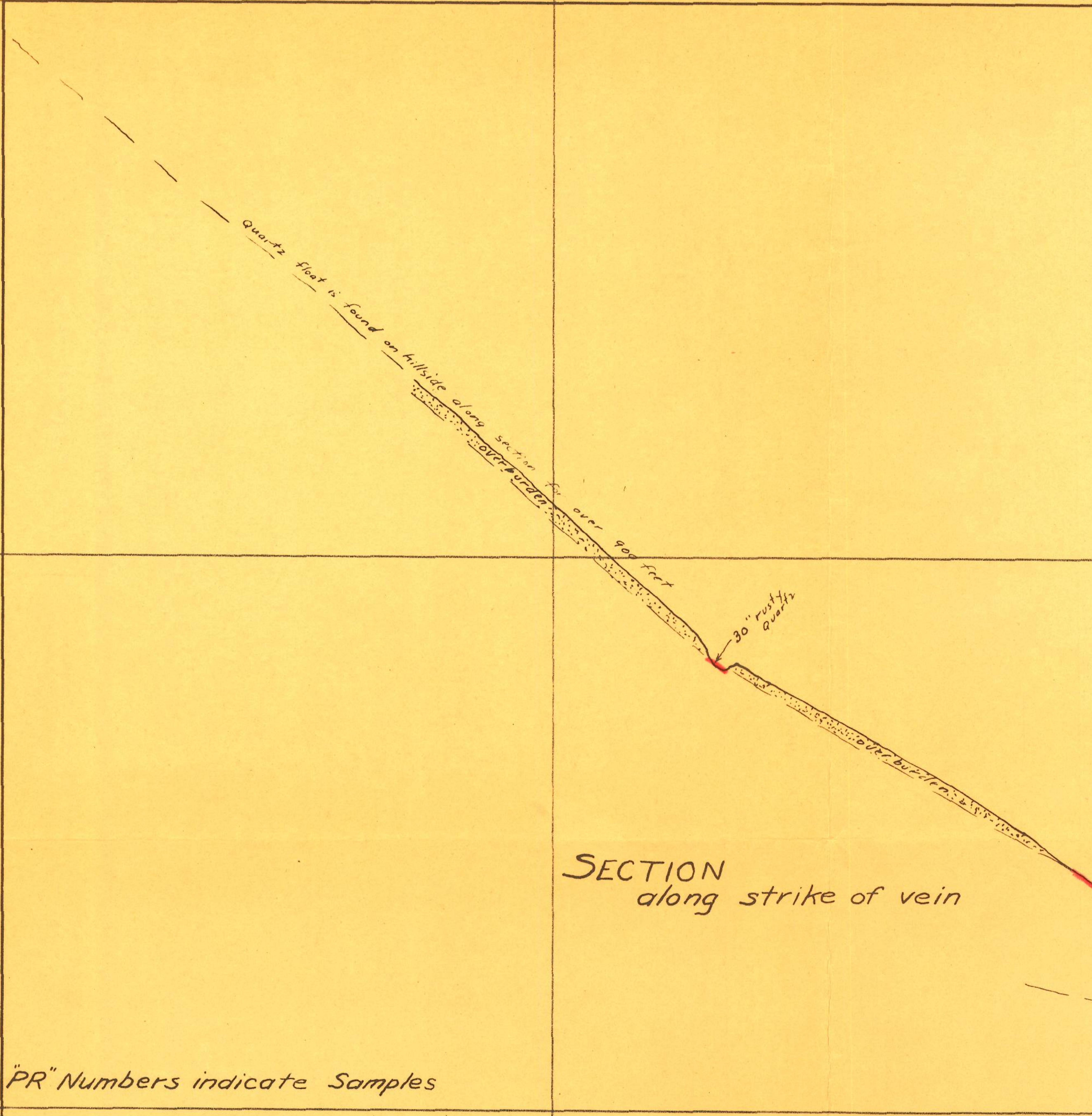
Value, \$ 2 only in large

Remarks per cut



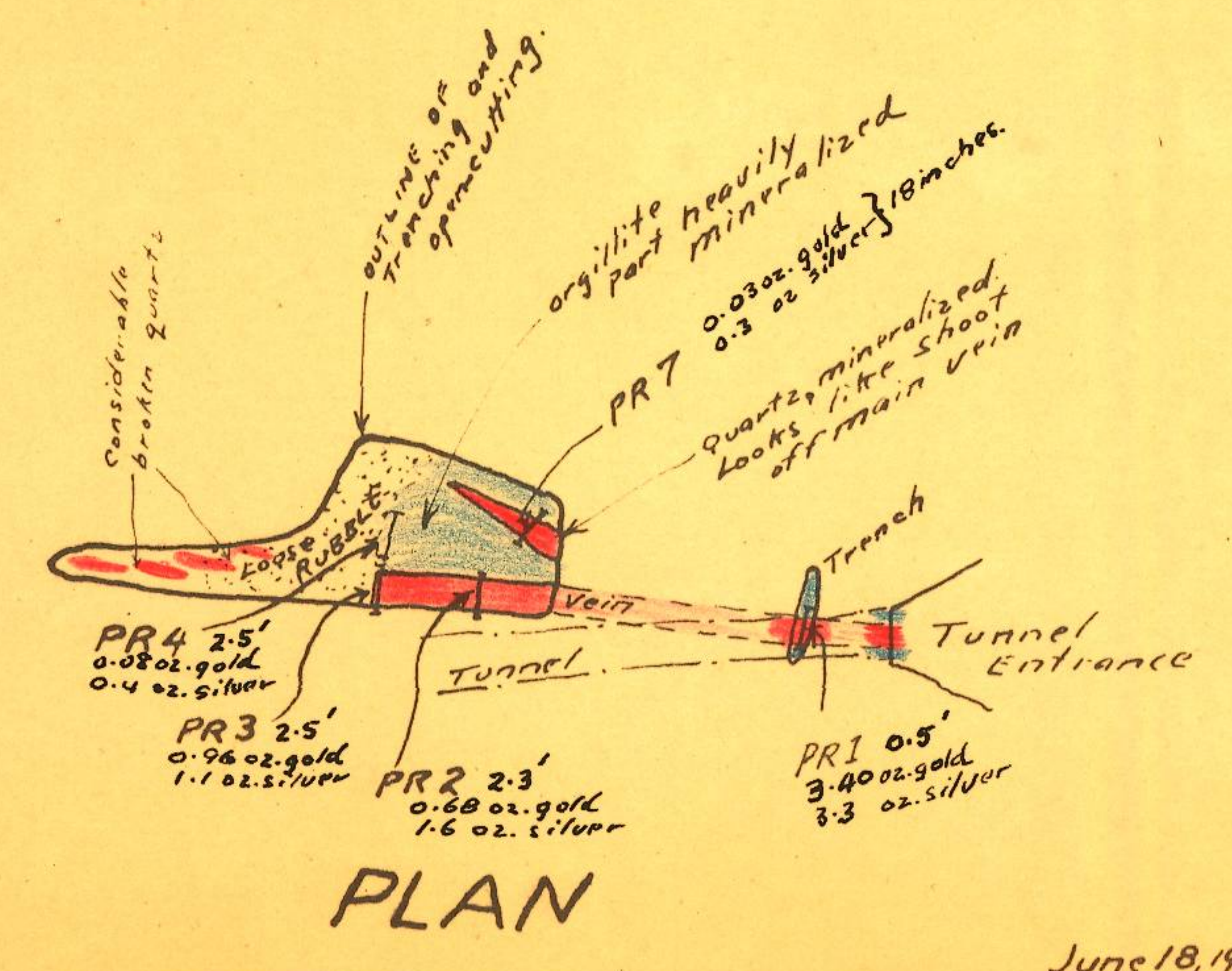
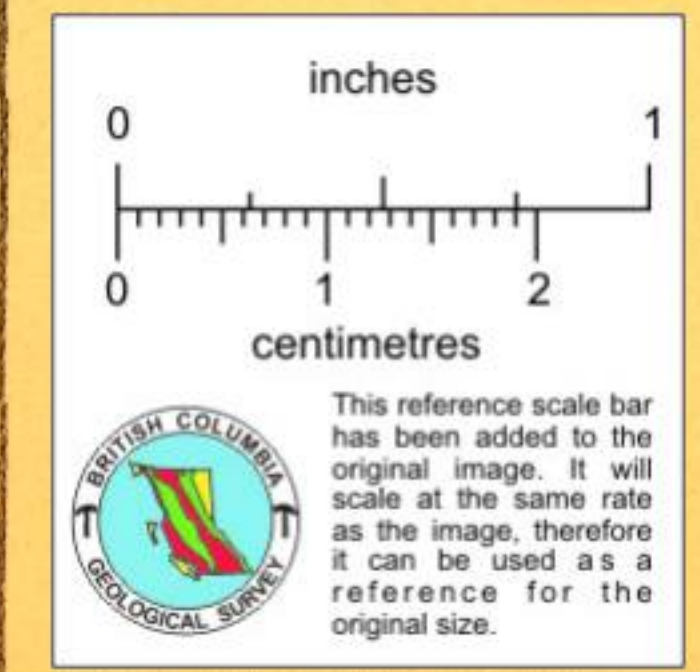
0.03 Au.

0.3 Ag.



"PR" Numbers indicate Samples

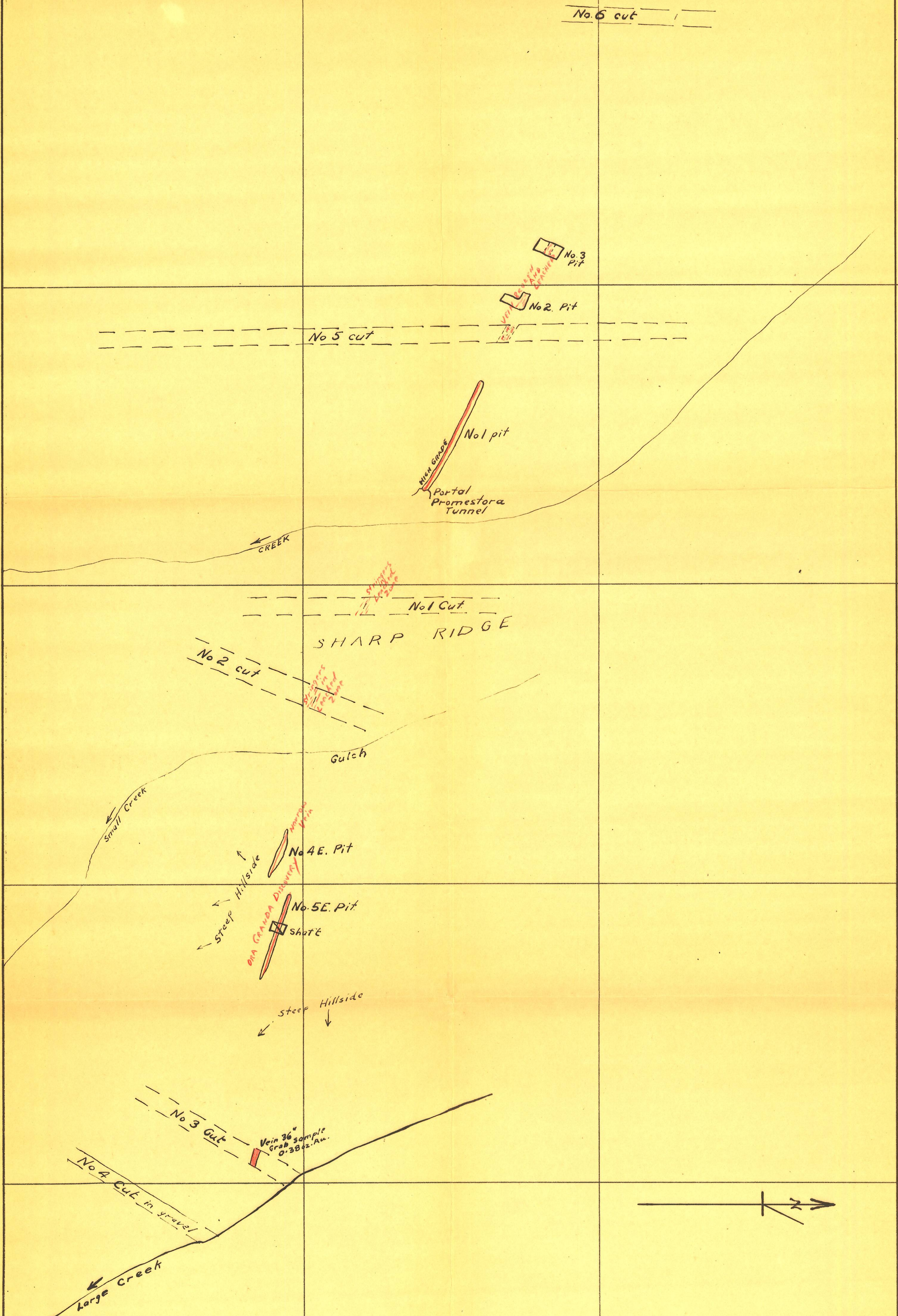
PLAN AND SECTION
WORKINGS ON
PROMESTORA CLAIM
C.G.3788
SLOCAN MINING DIVISION
BRITISH COLUMBIA
SCALE 1" = 20' F.C. BUCKLAND



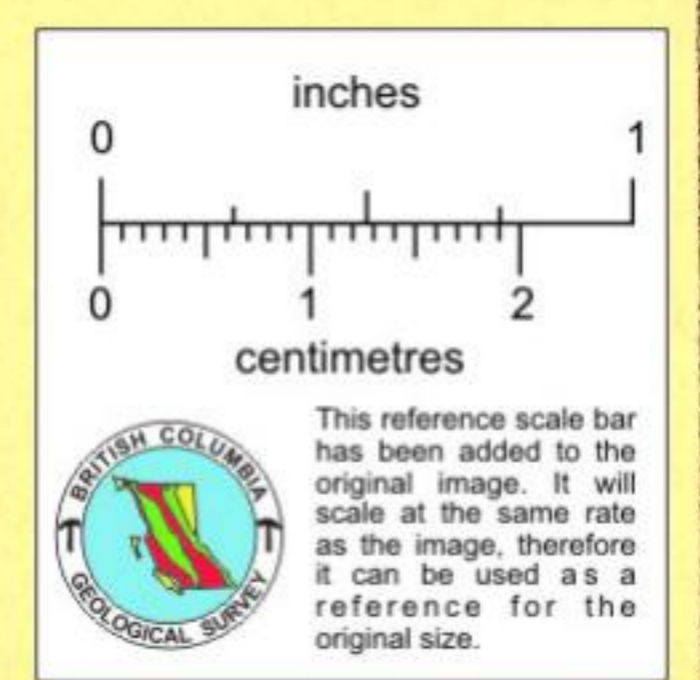
PLAN

June 18, 1949

No. 6 cut



SKETCH
to show
BULLDOZER CUTS
PROMESTORA MINES
1949



Approx. 1" = 50'